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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/785,204	02/20/2001	Mari Saito	203391US6	3961

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OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
1940 DUKE STREET
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EXAMINER

ABEL JALIL, NEVEEN

ART UNIT	PAPER NUMBER
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2175

DATE MAILED: 10/07/2003

10

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/785,204

Applicant(s)

SAITO ET AL.

Examiner

Neveen Abel-Jalil

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 July 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DOV POPOVICI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

1. The amendment filed on July 16, 2003 has been received and entered. Claims 17-20 have been added. Therefore, claims 1-20 are now pending.

2. Corrections to the language of the abstract is hereby received and acknowledged.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 7-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Adar et al. (U.S. Patent No. 6,493,702).

As to claims 7, and 8, Adar et al. discloses an information processing method for an information processing apparatus, and program storage medium storing a computer-readable program (See column 19, lines 31-33, wherein “computer-readable program” reads on “software”) for detecting a keyword from a text file corresponding to an event that has taken place and displaying associated information corresponding to said keyword (See column 24,

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lines 35-44, wherein "event has taken place" reads on "receive at least a keyword query input"), comprising the steps of:

extracting attribute information from an existing text file (See column 12, lines 48-59);

selecting an important word from among words contained in said existing text file (See column, lines, wherein "important word" reads on "keyword");

acquiring said associated information related to said important word selected in the selecting step (See column 12, lines 36-59, wherein "acquiring" reads on "access the document", and wherein "associated information" reads on "frequency and recency of access", and wherein "important word" reads on "keyword");

constructing a database by use of at least one of said attribute information extracted in the extraction step and said associated information acquired in the acquiring step (See column 7, lines 1-7, also see column 12, lines 36-56, wherein "attribute" reads on "frequency and recency of access");

detecting the occurrence of said event (See column 12, lines 36-47, wherein "event" reads on "access");

detecting a keyword from said text file (See column 7, lines 64-67, also see column 8, lines 1-3) corresponding to said event detected in the event occurrence detecting step (See column 12, lines 36-47, wherein "event" reads on "access");

searching said database constructed in the database constructing step for said associated information corresponding to said keyword detected in the keyword detecting step (See column 12, lines 48-59); and

controlling displaying of said associated information retrieved in the searching step (See column 15, lines 24-44, wherein “display control means” reads on “main bookmark window” and wherein “associated information” reads on “relevance feedback”, also see column 6, lines 9-19).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-6, and 9-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Adar et al. (U.S. Patent No. 6,493,702) in view of Gottzman et al. (U.S. Patent No. 6,134,548).

As to claim 1, Adar et al. discloses an information processing apparatus displaying associated information corresponding to a present event (See column 24, lines 35-44, wherein “event has taken place” reads on “receive at least a keyword query input”), comprising:

event occurrence detection means for detecting the occurrence of said present event (See column 12, lines 36-47, wherein “event” reads on “access”);

search means for searching said existing information having similarity to information corresponding to the present event detected by the event occurrence detection means (See column 7, lines 64-67, also see column 8, lines 1-3, also see column 12, lines 36-47, wherein “event” reads on “access”); and

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display control means for controlling displaying of said associated information related to the existing information retrieved by said search means (See column 15, lines 24-44, wherein “display control means” reads on “main bookmark window” and wherein “associated information” reads on “relevance feedback”, also see column 6, lines 9-19).

Adar et al. does not teach acquisition means for acquiring said associated information using existing information corresponding to a past event.

Gottzman et al. teaches acquisition means for acquiring said associated information using existing information corresponding to a past event (See column 36, lines 6-65, also see column 39, lines 16-58).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Adar et al. to include acquisition means for acquiring said associated information using existing information corresponding to a past event.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Adar et al. by the teaching of Gottzman et al. to include acquisition means for acquiring said associated information using existing information corresponding to a past event because storing user profile and statistics as an existing file provides and providing associated information creates an efficient and customized database management system and allows for better business opportunities.

As to claim 2, Adar et al. as modified discloses wherein said event occurrence detection means detects sending, receiving, or editing of an electronic mail as said event (See column 8, lines 4-15, also see Gottzman et al. column 39, lines 1-15).

As to claim 3, Adar et al. as modified discloses wherein said acquisition means acquires a title and a URL of a Web page containing said important word as the associated information (See column 14, lines 42-48, wherein “acquisition means” reads on “searches the public bookmarks belonging to the user”).

As to claim 4, Adar et al. as modified discloses wherein said acquisition means acquires, in a predetermined timed relation, said associated information related to said important word selected by said selection means (See column 12, lines 24-35, wherein “predetermined timed relation” reads on “monitor availability for each document”, also see column 6, lines 35-46).

As to claim 5, Adar et al. as modified discloses further comprising:

if an update condition is satisfied, update mean for updating said database constructed by said database construction means (See column 7, lines 1-19).

As to claim 6, Adar et al. as modified discloses wherein said update condition can be set by a user (See column 6, lines 35-46, also see column 7, lines 1-19, wherein “set by user” reads on “icons presented ...to each user”).

As to claim 9, Adar et al. discloses information processing apparatus for displaying a character on a display device and for displaying associated information related to a text file processed by a predetermined application program, comprising:

processing detection means for detecting, as an event, predetermined processing of said predetermined application program (See column 8, lines 16-23);

keyword detection means for detecting a keyword from said text file processed by said predetermined application program corresponding to said event detected by said processing detection means (See column 8, lines 16-33, wherein “keyword detection means” reads on “search results window containing in title or URL”);

input means for inputting a command (See figure 3, 310, shows “input means” represented by drop-down menu stating “choose a command”);

command processing means for executing, in response to said command inputted by said input means, processing on said associated information retrieved by said search means (See column 19, lines 44-50, wherein “input means” reads on user terminal” and wherein “search means” reads on “database”); and

display control means for displaying, in response to said event detected by said processing detection means, said character onto said display device and changing a manner of displaying said character in response to said command inputted by said input means (See column 10, lines 10-39, wherein “display devise” reads on “browser”, and wherein “detection means” reads on “all processing preformed by database”, and wherein “changing a manner” reads on “user interact with the system”).

Adar et al. does not teach search means for searching a database for said associated information by searching a database for a previous processed existing file corresponding to said keyword detected by said keyword detection means.

Gottsman et al. teaches search means for searching a database for said associated information by searching a database for a previous processed existing file corresponding to said keyword detected by said keyword detection means (See column 13, lines 25-38, also see column 36, lines 6-65, also see column 39, lines 16-58).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Adar et al. to include search means for searching a database for said associated information by searching a database for a previous processed existing file corresponding to said keyword detected by said keyword detection means.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Adar et al. by the teaching of Gottsman et al. to include search means for searching a database for said associated information by searching a database for a previous processed existing file corresponding to said keyword detected by said keyword detection means because storing user profile and statistics as an existing file provides and providing associated information creates an efficient and customized database management system and allows for better business opportunities.

As to claim 10, Adar et al. as modified discloses said display control means also displays text information as a script of said character (See figure 9, 920, display information scripts).

As to claim 11, Adar et al. as modified discloses comprising output means (See figure 1, 122, "output means" represented by "browser") for outputting a voice signal corresponding to said text information displayed by said display control means (See column 5, lines 38-50,

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wherein "voice signal" reads on "sound" and wherein "display control means" reads on "bookmark").

As to claim 12, Adar et al. as modified discloses wherein said command processing means displays, on said display device, said associated information retrieved by said search means in an object form with respect to at least one of movement, storage, and deletion, in response to a display command inputted by said input means (See column 9, lines 1-25).

As to claim 13, Adar et al. as modified discloses wherein said command processing means stores said associated information in response to a storage command inputted by said input means and displays a list of the stored associated information onto said display device (See column 10, lines 10-26).

As to claim 14, Adar et al. as modified discloses the information processing apparatus according to claim 9, wherein said associated information is a URL of a Web page and said command processing means starts a WWW browser so as to access said URL of said Web page as said associated information in response to an access command inputted by said input means (See column 18, lines 25-31, also see column 2, lines 12-37, also see Gottsman et al. column 31, lines 15-40, also see Gottsman et al. column 32, lines 35-65).

As to claims 15, and 16, Adar et al. discloses an information processing method, and a program storage medium storing a computer-readable program (See column 19, lines 31-33,

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wherein “computer-readable program” reads on “software”) for an information processing apparatus for displaying a character on a display device and for displaying associated information related to a text file processed by a predetermined application program (See column 8, lines 16-23), comprising the steps of:

detecting, as an event, predetermined processing of said predetermined application program (See column 8, lines 16-23);

detecting a keyword from said text file processed by said predetermined application program corresponding to said event detected in the processing detecting step (See column 8, lines 16-33, wherein “keyword detection means” reads on “search results window containing in title or URL”);

inputting a command (See figure 3, 310, shows “input means “ represented by drop-down menu stating “choose a command”);

executing, in response to said command inputted in the inputting step, processing on said associated information retrieved in the searching step (See column 19, lines 44-50, wherein “input means” reads on user terminal” and wherein “search means” reads on “database”); and

displaying, in response to said event detected in the processing of said detecting step, said character onto said display device and changing a manner of displaying said character in response to said command inputted in the inputting step (See column 10, lines 10-39, wherein “display devise” reads on “browser”, and wherein “detection means” reads on “all processing preformed by database”, and wherein “changing a manner” reads on “user interact with the system”).

Adar et al. does not teach searching for said associated information by searching for a previously processed existing file corresponding to said keyword detected in the keyword detecting step.

Gottzman et al. teaches searching for said associated information by searching for a previously processed existing file corresponding to said keyword detected in the keyword detecting step (See column 13, lines 25-38, also see column 36, lines 6-65, also see column 39, lines 16-58).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Adar et al. to include searching for said associated information by searching for a previously processed existing file corresponding to said keyword detected in the keyword detecting step.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Adar et al. by the teaching of Gottzman et al. to include searching for said associated information by searching for a previously processed existing file corresponding to said keyword detected in the keyword detecting step because storing user profile and statistics as an existing file provides and providing associated information creates an efficient and customized database management system and allows for better business opportunities.

As to claim 17, Adar et al. as modified discloses comprising:
grouping means for grouping said existing information into a group of existing information based upon attribute information of said existing information (See Gottzman et al. column 15, lines 15-65),

wherein said acquisition means acquires the associated information related to said group of existing information made by said grouping means as said existing information (See Gottzman et al. column 17, lines 1-55),

said search means searches for said group of existing information as said existing information having similarity to information corresponding to the present event detected by the event occurrence detection means (See Gottzman et al. column 39, lines 16-58), and

the display control means controls displaying of said associated information related to said group of existing information as said existing information retrieved by said search means (See Gottzman et al. column 32, lines 49-67).

As to claim 18, Adar et al. as modified discloses comprising:

weight calculation means for calculating weight of keywords contained in each said group of existing information (See Gottzman et al. column 36, lines 7-64),

selection means for selecting an important word among said key words based upon said weight of key words (See Gottzman et al. column 41, lines 50-65),

wherein said acquisition means acquires said associated information related to said group of existing information using said important word selected by said selection means (See Gottzman et al. column 42, lines 39-67).

As to claim 19, Adar et al. as modified discloses wherein said existing information corresponding to said past event is an existing text file and said information corresponding to said present event detected by the event occurrence detection means is a text file (See Gottzman

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et al. column 13, lines 25-38, also see Gottsman et al. column 36, lines 6-65, also see Gottsman et al. column 39, lines 16-58), further comprising,

selection means for selecting an important word from among words contained in said existing text file (See Gottsman et al. column 13, lines 25-37),

wherein the acquisition means acquires said associated information by using said important word selected by said selection means as said existing information (See Gottsman et al. column 14, lines 10-40).

As to claim 20, Adar et al. as modified discloses comprising:

extraction mean for extracting attribute information from the existing information (See Gottsman et al. column 13, lines 43-67, and see Gottsman et al. column 14, lines 1-6);

database construction means for constructing a database by use of at least one of said attribute information extracted by said extraction means and said associated information acquired by said acquisition means (See Gottsman et al. column 13, lines 25-38, also see Gottsman et al. column 36, lines 6-65, also see Gottsman et al. column 39, lines 16-58).

Response to Arguments

7. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Slotznick (U.S. Patent No. 6,109,640) teaches system for calculating occasion dates and converting between different calendar systems.

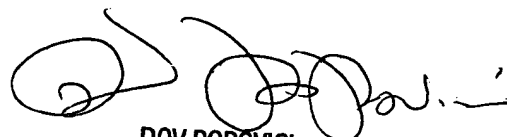
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 703-305-8114. The examiner can normally be reached on 8:00AM-4: 30PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 703-305-3830. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Neveen Abel-Jalil
September 30, 2003



DOV POPOVICI
SUPERVISORY PATENT EXAMINER
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